Highlights of This Issue 637

REVIEW

639  EZH2: Not EZHY (Easy) to Deal
Gauri Deb, Anup Kumar Singh, and Sanjay Gupta

RAPID IMPACT

654  PTEN Is a Potent Suppressor of Small Cell Lung Cancer
Min Cui, Arnaud Augert, Michael Rongione, Karina Conkrite, Susan Parazzoli, Alexander Yu. Nikitin, Nicholas Ingolia, and David MacPherson

CELL CYCLE AND SENESCENCE

660  TRAP1 Regulates Proliferation, Mitochondrial Function, and Has Prognostic Significance in NSCLC
Jackeline Agorreta, Jianting Hu, Dongxia Liu, Domenico Delia, Helen Turley, David J.P. Ferguson, Francisco Iborra, María J. Pajares, Marta Larrayoz, Isabel Zudaire, Ruben Pio, Luis M. Montuenga, Adrian L. Harris, Kevin Gatter, and Francesco Pezzella

670  The Multifunctional Growth Factor Midkine Promotes Proliferation and Migration in Pancreatic Cancer

CELL DEATH AND SURVIVAL

681  NEDD9 Regulates Actin Dynamics through Cortactin Deacetylation in an AURKA/HDAC6–Dependent Manner
Yarvaa K. Kozyreva, Sarah L. McLaughlin, Ryan H. Livengood, Robin A. Calkins, Laura C. Kelley, Anuradha Rajalapati, Ryan J. Ice, Matthew B. Smolkin, Scott A. Weed, and Elena N. Pugacheva

694  Asparagine Depletion Potentiates the Cytotoxic Effect of Chemotherapy against Brain Tumors

703  mTOR Inhibition Potentiates HSP90 Inhibitor Activity via Cessation of HSP Synthesis
Jaime Acquaviva, Suqin He, Jim Sang, Donald L. Smith, Manuel Sequeira, Chaohua Zhang, Richard C. Bates, and David A. Proia

CHROMATIN, GENE, AND RNA REGULATION

714  Novel Roles for ERK5 and Cofilin as Critical Mediators Linking ERα-Driven Transcription, Actin Reorganization, and Invasiveness in Breast Cancer
Zeynep Madak-Erdogan, Rosa Ventrelia, Luke Petry, and Benita S. Katzenellenbogen

728  HIFs Enhance the Transcriptional Activation and Splicing of Adrenomedullin
Johnny A. Sena, Liyi Wang, Matthew R. Pawlus, and Cheng-Jun Hu

GENOMICS

742  Contribution of Tumor Heterogeneity in a New Animal Model of CNS Tumors
Fuyi Chen, Albert J. Becker, and Joseph J. LoTurco

754  Spontaneous Reversion of the Angiogenic Phenotype to a Nonangiogenic and Dormant State in Human Tumors
Michael S. Rogers, Katherine Novak, David Zurakowski, Lorna M. Cryan, Anna Blois, Eugene Lifshits, Trond H. Bo, Anne M. Oyan, Elise R. Bender, Michael Lampà, Soo-Young Kang, Kamila Naxerova, Karl-Henning Kalland, Oddbjorn Straume, Lars A. Akslen, Randolph S. Watnick, Judah Folkman, and George N. Naumov
ONCOGENES AND TUMOR SUPPRESSORS

765  PGE2-Driven Expression of c-Myc and OncomiR-17-92 Contributes to Apoptosis Resistance in NSCLC
Kostyantyn Krysan, Rebecca Kusko, Tristan Grogan, James O’Hearn, Karen L. Reckamp, Tonya C. Walser, Edward B. Garon, Marc E. Lenburg, Sherven Sharma, Avrum E. Spira, David Elashoff, and Steven M. Dubinett

775  Fhit Regulates EMT Targets through an EGFR/Src/ERK/Slug Signaling Axis in Human Bronchial Cells
Audrey Joannes, Simon Grelet, Laurent Duca, Christine Gilles, Claire Kileztky, Véronique Dalstein, Philippe Birembaut, Myriam Polette, and Béatrice Nawrocki-Raby

784  DDB2 Suppresses Tumorigenicty by Limiting the Cancer Stem Cell Population in Ovarian Cancer
Chunhua Han, Ran Zhao, Xingluo Liu, Amit Srivastava, Li Gong, Hsiaoynin Mao, Meihua Qu, Weiqiang Zhao, Jianhua Yu, and Qi-En Wang

SIGNAL TRANSDUCTION

795  Beneficial Effects of RAF Inhibitor in Mutant BRAF Splice Variant–Expressing Melanoma
Edward J. Hartsough, Kevin J. Basile, and Andrew E. Aplin

803  Novel Potent and Selective Inhibitors of p90 Ribosomal S6 Kinase Reveal the Heterogeneity of RSK Function in MAPK-Driven Cancers
Ida Aronchik, Brent A. Appleton, Stephen E. Basham, Kenneth Crawford, Mercedes Del Rosario, Laura V. Doyle, William F. Estacio, Jiong Lan, Mika K. Lindvall, Catherine A. Luu, Elizabeth Ornelas, Eleni Venetsanakos, Cynthia M. Shafer, and Anne B. Jefferson